			Con	nplete if Known
			Application Number	09/763,607
		CLOSURE	Filing Date	April 19, 2001
STATEME	INT BY AF	PLICABLE	First Named Inventor	STÄHLER et al.
		(Group Art Unit	1639
		FEB 2 7 2006	Examiner Name	Ponnaluri, Padmashri
		THO EMARY OF	Confirmation No.	3440
Sheet	1	of 6	Attorney Docket Number	2923-436

			U.S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No.1	U.S. Patent Doo	Kind Code ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
MCT	5	5,143,854		PIRRUNG et al.	09-01-1992
		5,247,180		MITCHAM et al.	09-21-1993
		5,384,464		De FORNEL et al.	01-24-1995
		5,405,783)	PIRRUNG et al.	04-11-1995
		5,474,796		BRENNAN	12-12-1995
)	5,545,531	7	RAVA et al.	08-13-1996
		5,547,839		DOWER et al.	08-20-1996
	7	5,653,939		HOLLIS et al.	08-05-1997
	5	5,677,195		WINKLER et al.	10-14-1997
		5,723,320		DEHLINGER	03-03-1998
	7	5,728,251		CHECK, III	03-17-1998
		5,741,411		YEUNG et al.	04-21-1998
		5,755,942		ZANZUCCHI et al.	05-26-1998
		5,789,162	7	DOWER et al.	08-04-1998
		5,807,525		ALLEN et al.	09-15-1998
		5,812,272		KING et al.	09-22-1998
	7	5,843,655		McGALL	12-01-1998
V	>	5,846,708		HOLLIS et al.	12-08-1998
MCT		5,849,486		HELLER et al.	12-15-1998

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

3					Con	nplete if Known
					Application Number	09/763,607
		rion disc			Filing Date	April 19, 2001
STA	TEME	NT BY AP	PLICA	NT	First Named Inventor	STÄHLER et al.
					Group Art Unit	1639
					Examiner Name	Ponnaluri, Padmashri
_				<u> </u>	Confirmation No.	3440
Sheet		2	of	6	Attorney Docket Number	2923-436

			J.S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No.1		nd Code ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
MCT	7	5,952,172		MEADE et al.	09-14-1999
		5,968,745		THORP et al.	10-19-1999
		6,001,311		BRENNAN	12-14-1999
		6,024,925	7	LiTTLE et al.	02-15-2000
		6,066,448		WOHLSTADTER et al.	05-23-2000
		6,136,269	7	WINKLER et al.	10-24-2000
	7	6,295,153	B1	GARNER	09-25-2001
	7	6,420,169	B1	READ et al.	07-16-2002
		6,582,917	B1	BEIER	06-24-2003
	7	6,586,211	B2	STÄHLER et al.	07-01-2003
	7	2002/0160427	A1	BEIER et al.	10-31-2002
	5	2003/0175781	A1	BEIER	09-18-2003
	\	2003/0198948	A1	STÄHLER et al.	10-23-2003
		2004/0043509	A1	STÄHLER et al.	03-04-2004
	1	2004/0175734	A1	STÄHLER et al.	09-09-2004
V		2005/0037407	A1	BEIER et al.	02-17-2005
MCT		60/087,333		QUATE et al.	05-29-1998

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

		_		Con	Complete if Known		
				Application Number	09/763,607		
INFORMAT	TION DISC	CLOSU	RE	Filing Date	April 19, 2001		
STATEME	NT BY AF	PLICA	NT	First Named Inventor	STÄHLER et al.		
				Group Art Unit	1639		
				Examiner Name	Ponnaluri, Padmashri		
				Confirmation No.	3440		
Sheet	3	of	6	Attorney Docket Number	2923-436		

			FORI	EIGN PAT	ENT DOCUMENTS	
Examiner	Cite	Office ³	reign Patent Documer	nt Kind ⁵	Name of Patentee or Applicant Of Cited Document MM-DD-YYYY	
	NO.	Code	(/	if known)	Of Orlea bocament	╀—
MCT		wo	91/18276	A1	Kelly et al. 11-28-1991	4
	1	wo	92/10092	A1	Affymax Technologies 06-25-1992	15_
		wo	93/20230	A1	Environmental & Medical Prod. Ltd. 10-14-1993	1
		wo	93/22678	A2	Massachusetts Institute of Tech. 11-11-1993	,
		wo	95/01559 (Abstract)	A2	Evotec Biosystems GmbH 01-12-1995	AB
	}	wo	95/09176	A1_	Beckman instruments, Inc. 04-06-1995	7
	1	wo	95/12808	A1	Nanogen, Inc. 05-11-1995	17
		wo	96/10747	A1	Abbott Laboratories 04-11-1996	\prod
	5	wo	96/33971	A1	U.S. Gov't/Secretary of the Navy 10-31-1996	TT
		wo	96/40712	A1	California Institute of Technology 12-19-1996	1
	7	wo	97/06468	A2	Rabani, Ely 02-20-1997	17
		wo	97/12030	A1	Nanogen, Inc. 04-03-1997	T
	5	wo	97/19749	A1	Dehlinger, Peter 06-05-1997	T
	17	wo	97/39151	A1	Affymetrix, Inc. 10-23-1997	$T \overline{X}$
	1	wo	97/41425	A1	Pence, Inc. 11-06-1997	17
		wo	98/03683	A1	The Regents of the Univ. of Michigan 01-29-1998	\mathcal{T}
		wo	98/30893	A1	Foster, Robert A. 07-16-1998	\Box
		wo	98/51819	A1	Nanogen, Inc. 11-19-1998	17
V	1	wo	98/53093	A1	Bioarray Solutions LLC 11-26-1998	1
MCT	5	wo	98/58293 (Abstract)	A2	Biotools-Institute Fur Computernite 12-23-1998 Griertes Bioengineering GmbH	AB
Examiner Signature		/	My Chau Tran/		Date 05/08/2006 Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

^{&#}x27;Unique citation designation number. 2See attached Kinds of U.S. Patent Documents. 3Enter Office that issued the document, by the two-letter code. 4For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 5Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

,				Complete if Known		
				Application Number	09/763,607	
	ATION DISC			Filing Date	April 19, 2001	
STATEM	ENT BY AP	PLICA	NT	First Named Inventor	STÄHLER et al.	
				Group Art Unit	1639	
				Examiner Name	Ponnaluri, Padmashri	
				Confirmation No.	3440	
Sheet	4	of	6	Attorney Docket Number	2923-436	

			ion Detect Deservi				П
Examiner Initials*	Cite No.¹	Foreign Patent Document Office³ Number⁴ Kind⁵ Code (if know.			Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	
MCT		wo	99/09042	A2	Cepheid	02-25-1999	Γ
	_	wo	99/19510	A1	President and Fellows of Harvard College	04-22-1999	
		wo	99/27140	A1	Lockheed Martin Energy Res. Corp.	06-03-1999	
		wo	99/31275	A1	Nexstar Pharmaceuticals, Inc.	06-24-1999	
		wo	99/37819	A2	Clinical Micro Sensors, Inc.	07-29-1999	
		wo	99/39817	A1	Affymetrix, Inc.	08-12-1999	
		wo	99/60170	A1	Hyseq, Inc.	11-25-1999	Γ
		wo	00/11473	A1	Sen-Sor-Tech Limited	03-02-2000	Γ
		wo	00/13017 (Abstract)	A2	Febit Ferrarius Biotechnology GmbH	03-09-2000	1
		wo	00/13018 (Abstract)	А3	Febit Ferrarius Biotechnology GmbH	03-09-2000	1
		wo	02/32567 (Abstract)	A1	Febit AG	04-25-2002	1
		CA	2,345,157	A1	Friz Biochem GmbH	11-19-1999	
		CA	2,371,938	A1	Friz Biochem GmbH	07-20-2000	
		DE	04241871	A1	Schulz, Rudolf	06-16-1994	
		DE	04325724	A1	Debbage, Paul	02-02-1995	
		DE	19731479	A1	Hewlett-Packard Co.	08-06-1998	
Ψ		DE	19823876	A1	Institut fur Mikrotechnik Mainz GmbH	12-02-1999	Γ
MCT	-	DE	19842164	A1	Deutsches Krebsforschungszentrum Stiftung des offentlichen Rechts	04-06-2000	7

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

'Unique citation designation number. 'See attached Kinds of U.S. Patent Documents. 'Enter Office that issued the document, by the two-letter code. 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

,				Complete if Known		
				Application Number	09/763,607	
	ATION DISC			Filing Date	April 19, 2001	
STATEM	ENT BY AP	PLICA	NT	First Named Inventor	STÄHLER et al.	
				Group Art Unit	1639	
				Examiner Name	Ponnaluri, Padmashri	
				Confirmation No.	3440	
Sheet	5	of	6	Attorney Docket Number	2923-436	

		Foi	reign Patent Documer	nt			П
Examiner Cite No.1		Office ³ Code	Number ⁴	Kind ⁵	Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
MCT	>	DE	19901761 (Abstract)	A1	Hartwich, Gerhard	07-01-1999	A
		DE	19910392 (Abstract)	A1	Inst Physikalische Hochtech Ev	09-07-2000	A
	1	DE	19921940 (Abstract)	A1	Hartwich, Gerhard	06-15-2000	A
	ζ	DE	19926457 (Abstract)	A1	Hartwich, Gerhard	07-27-2000	A
	T	DE	19940751	A1	FeBiT Ferrarius Biotech.GmbH	03-02-2000	
	5	DE	69012119	T2	Affymax Technologies N.V.	12-22-1994	7
	7	DE	69032277	T2	SIM (Societe D'In	12-17-1998	П
		DE	69130251	T2	Matsushita Electrical Indus. Co., Ltd.	05-27-1999	
	\	DE	69217497	T2	Affymax Technologies N.V.	06-12-1997	I
		DE	69218572	T2	Texas Instruments Inc.	11-13-1997	1
		DE	69328693	T2	Beckman Coulter, Inc.	08-31-2000	\prod
	5	DE	8309254.4		Straub, Hans	01-03-1985	Π
		EP	0430248	A2	Mochida Pharmaceutical Co., Ltd.	06-05-1991	Γ
		ÉP	0493137	⁄ A1	Research Development Corporation of Japan	07-01-1992	
		EP	0549993	A1	Texas Instruments Inc.	07-07-1993	
		EP	0671626	A1	Ciba-Geigy AG	09-13-1995	K
V		EP	0955085	A2	Affymetrix, Inc.	11-10-1999	
MCT		JP	9288080 (Abstract)	2	Shinnitsuka Kankyo Eng KK	11-04-1997	Α
aminer gnature		/	My Chau Tran/		Date Considered	05/08/2006	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

Considered. Include copy of this form with next communication to applicant.

'Unique citation designation number. 'See attached Kinds of U.S. Patent Documents. 'Enter Office that issued the document, by the two-letter code. 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

1					Con	nplete if Known
					Application Number	09/763,607
		TION DISC			Filing Date	April 19, 2001
]	STATEME	NT BY API	PLICA	NT	First Named Inventor	STÄHLER et al.
					Group Art Unit	1639
		٠			Examiner Name	Ponnaluri, Padmashri
					Confirmation No.	3440
	Sheet	6	of	6	Attorney Docket Number	2923-436

		NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published						
MCT L	\	Bertsch et al., "Study of the Spatial Resolution of a New 3D Microfabrication Process: The Microstereophotolithography Using a Dynamic Mask-generator Technique," J. Photochemistry Photobiology A: Chemistry 107:275-281, 1997.	5					
		Hanley, et al. "Charge Transfer Device in Analytical Instrumentation," Anal. Chem. 68:A661-A667, 1996.						
		Hoheisel, "Oligomer-Chip Technology," Trends Biotechnol. 15(11):465-469, 1997.						
	7	Kirschner, et al., "Miniaturisierte NIR-Diodenarray-Spektrometer," GIT Labor-Fachzeitschrift (English Title Translation: Miniaturizated NIR Diode Array Spectrometers), 402–404, 1998.						
		Neff, et al., "Two-Dimensional Spatial Light Modulators: A Tutorial," Proc. IEEE, 78(5):826-854, 1990.	>					
		Villemoes et al., "A Computerized Peptide Synthesizer with Feed back Control," Acta Chemica Scand. B 32:703-713, 1978.	{					
		von Buren et al., "Branched Oligodeoxynucleotides: Automated Synthesis and Triple Helical Hybridization Studies," Tetrahedron Lett. 51(31):8491-8506, 1995.						
	7		5					
V			~					
MCT			7					
Examiner Signature		/My Chau Tran/ Date Considered 05/08/2006						

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Unique citation designation number. 2 Applicant is to place a check mark here if English language Translation is attached.

2923-436.1449(2).wpd